## SEQUENCE LISTING

1110	KAI CH/ CEI	JIANG, Pan Hong KABA, Aboubàcar CHANY-FOURNIER, Francoise CERUTTI, Italina CHANY, Charles														
<120	> COMPOUNDS HAVING LECTINIC PROPERTIES AND THEIR BIOLOGICAL APPLICATIONS															
<130	0> 040388/0113															
<140> US 09/077,606 <141> 1998-07-30																
	> WO > 199				1937											
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<pre>&lt;210&gt; 1 &lt;211&gt; 1831 &lt;212&gt; DNA &lt;213&gt; Homo sapiens </pre> <pre>&lt;220&gt; &lt;221&gt; CDS &lt;222&gt; (62)(1468) </pre> <pre>&lt;400&gt; 1 gaattccggc gagtgcgcgc tcctcctcgc ccgccgctag gtccatcccg gcccagccac</pre>														20.		
														60		
Me	c atg tcc atc cac ttc agc tcc ccg gta ttc acc tcg cgc tca gcc gcc Met Ser Ile His Phe Ser Ser Pro Val Phe Thr Ser Arg Ser Ala Ala 1 5 10 15															
			е ні	ls Ph					al Pl	ne Ti				er Āl	la Āla	109
Phe :	tcg g Ser G		cgc	ggc	5 gcc	er Se	er Pi gtg	cgc	al Pl : ctg	ne Tl 10 agc	nr Se	er Ai	cg Se	er Al	la Ala 15 ggc	109
ggc (		Gly .	cgc Arg 20 agc	ggc Gly agc	5 gcc Ala agc	cag Gln	gtg Val tac	cgc Arg 25	ctg Leu	agc Ser	tcc Ser gcc	gct Ala	cgc Arg 30	ccc Pro	la Ala 15 ggc Gly cgc	
ggc (	Ser G ctt g Leu G	ggc Gly 35	cgc Arg 20 agc Ser	ggc Gly agc Ser	5 gcc Ala agc Ser	cag Gln ctc Leu	gtg Val tac Tyr 40	cgc Arg 25 ggc Gly	ctg Leu ctc Leu	agc Ser ggc Gly	tcc Ser gcc Ala	gct Ala tcg Ser 45	cgc Arg 30 cgg Arg	ccc Pro	la Ala 15 ggc Gly cgc Arg	157
ggc of Gly 1	ctt c ctt c Leu c gcc c	ggc Gly 35 gtg /al	cgc Arg 20 agc Ser cgc Arg	ggc Gly agc Ser tct Ser	5 gcc Ala agc Ser gcc Ala	cag Gln ctc Leu tat Tyr 55	gtg Val tac Tyr 40 ggg Gly	cgc Arg 25 ggc Gly ggc Gly	ctg Leu ctc Leu ccg Pro	agc Ser ggc Gly gtg Val	tcc Ser gcc Ala ggc Gly 60	gct Ala tcg Ser 45 gcc Ala	cgc Sec Arg 30 cgg Arg Gly ctg	ccc Pro ccg Pro atc	la Ala 15 ggc Gly cgc Arg cgc Arg	157 205
ggc of Gly i	ser of ctt of ct	ggc Gly 35 gtg /al.	cgc Arg 20 agc Ser cgc Arg att	ggc Gly agc Ser tct Ser aac Asn	5 gcc Ala agc Ser gcc Ala cag Gln 70	cag Gln ctc Leu tat Tyr 55 agc Ser	gtg Val tac Tyr 40 ggg Gly ctg Leu	cgc Arg 25 ggc Gly ggc Gly	ctg Leu ctc Leu ccg Pro	agc Ser ggc Gly gtg Val ccg Pro 75	tcc Ser gcc Ala ggc Gly 60 ctg Leu	gct Ala tcg Ser 45 gcc Ala cgg Arg	cgc Arg 30 cgg Arg Gly ctg Leu cag	ccc Pro ccg Pro atc Ile	la Ala 15 ggc Gly cgc Arg cgc Arg gcc Ala 80 aag	157 205 253

	_	_		_	ctg Leu	_			_		_	_	_	_		445
					agc Ser											493
					ggt Gly 150											541
					ctg Leu											589
_		_		_	gat Asp	-			_	_		_	_			637
					aag Lys											685
					aag Lys										ttc Phe	733
					gag Glu 230	_		_				_		_		781
	_				gtg Val	_		_	_		_	_		_	_	829
					gct Ala											877
					gag Glu											925
					gct Ala											973
					gag Glu 310											1021
					aag Lys											1069
					cgt Arg											1117
aag Lys	cag Gln	gag Glu 355	gag Glu	ctt Leu	gaa Glu	gcc Ala	gcc Ala 360	ctg Leu	cag Gln	cgg Arg	gcc Ala	aag Lys 365	cag Gln	gat Asp	atg Met	1165

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	_		_	_	_	-		_	gaa Glu		_	_	-	_	_	_	1213
									cgc Arg								1261
									gga Gly								1309
									ggc Gly 425								1357
									ctg Leu								1405
									atc Ile								1453
-2000 -00	agg Arg 465					tgaç	gtcgc 	cct o	ccac	ccact	CC Ca	actco	eteca	a gco	cacca	accc	1508
	acaa	tcac	aq d	ccatt	tgaca	ga go	actqa	aggad	g tgt	agge	gage	tgg	cgcto	caa d	ggato	gctcgt	1568
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		-	-								-	•				ctagcc	
				ccato													1831
	<210> 2 <211> 405 <212> DNA <213> Homo sapiens																
		.> CI		(405)													
		tcc							gta Val								48
									cgc Arg 25								96
									ggc Gly								144

gtg Val	gcc Ala 50	gtg Val	cgc Arg	tct Ser	gcc Ala	tat Tyr 55	GJ À ààà	ggc Gly	ccg Pro	gtg Val	ggc Gly 60	gcc Ala	ggc Gly	atc Ile	cgc Arg	192	
							ctg Leu									240	
gac Asp	ccc Pro	ttc Phe	tcc Ser	cag Gln 85	cgg Arg	gtg Val	cgc Arg	cag Gln	gag Glu 90	gag Glu	agc Ser	gag Glu	cag Gln	atc Ile 95	aag Lys	288	
							tcc Ser									336	
							gag Glu 120									384	
			gcc Ala													405	
<212	> 46 2> PF	۲۲	sapie	ens		(A)	= . <del></del> .	÷ ·		de de la constitución de la cons	-						.2, 2
<400 Met 1		Ile	His	Phe 5	Ser	Ser	Pro	Val	Phe 10	Thr	Ser	Arg	Ser	Ala 15	Ala		
Phe	Ser	Gly	Arg 20	Gly	Ala	Gln	Val	Arg 25	Leu	Ser	Ser	Ala	Arg 30	Pro	Gly		
Gly	Leu	Gly 35	Ser	Ser	Ser	Leu	Tyr 40	Gly	Leu	Gly	Ala	Ser 45	Arg	Pro	Arg		
Val	Ala 50	Val	Arg	Ser	Ala	Tyr 55	Gly	Gly	Pro	Val	Gly 60	Ala	Gly	Ile	Arg		
Glu 65	Val	Thr	Ile	Asn	Gln 70	Ser	Leu	Leu	Ala	Pro 75	Leu	Arg	Leu	Gly	Ala 80		
Asp	Pro	Phe	Ser	Gln 85	Arg	Val	Arg	Gln	Glu 90	Glu	Ser	Glu	Gln	Ile 95	Lys		
Thr	Leu	Asn	Asn 100	Lys	Phe	Ala	Ser	Phe 105	Ile	Asp	Lys	Val	Arg 110	Phe	Leu		
Glu	Gln	Gln 115	Asn	Lys	Leu	Leu	Glu 120	Thr	Lys	Trp	Thr	Leu 125	Leu	Gln	Glu		
Gln	Lys 130	Ser	Ala	Lys	Ser	Ser 135	Arg	Leu	Pro	Asp	Ile 140	Phe	Glu	Ala	Gln		
Ile 145	Ala	Gly	Leu	Arg	Gly 150	Gln	Leu	Glu	Ala	Met 155	Gln	Val	Asp	Gly	Gly 160		
Arg	Leu	Glu	Gln	Gly 165	Leu	Arg	Thr	Met	Gln 170	Asp	Val	Val	Glu	Asp 175	Phe		

Lys Asn Lys Tyr Glu Asp Glu Ile Asn Arg Arg Thr Ala Ala Glu Asn 185 Glu Phe Val Val Leu Lys Lys Asp Val Asp Ala Ala Tyr Met Ser Lys Val Glu Leu Glu Ala Lys Val Asp Ala Leu Asn Asp Glu Ile Asn Phe Leu Arg Thr Leu Asn Glu Thr Glu Leu Thr Glu Leu Gln Ser Gln Ile 235 230 Ser Asp Thr Ser Val Val Leu Ser Met Asp Asn Ser Arg Ser Leu Asp Leu Asp Gly Ile Ile Ala Glu Val Lys Ala Gln Tyr Glu Glu Met Ala Lys Cys Ser Arg Ala Glu Ala Glu Ala Trp Tyr Gln Thr Lys Phe Glu Thr Leu Gln Ala Gln Ala Gly Lys His Gly Asp Asp Leu Arg Asn Thr Arg Asn Glu Ile Ser Glu Met Asn Arg Ala Ile Gln Arg Leu Gln Ala 310 315 320 Glu Ile Asp Asn Ile Lys Asn Gln Arg Ala Lys Leu Glu Ala Ala Ile 330 Ala Glu Ala Glu Glu Arg Gly Glu Leu Ala Leu Lys Asp Ala Arg Ala Lys Gln Glu Glu Leu Glu Ala Ala Leu Gln Arg Ala Lys Gln Asp Met Ala Arg Gln Leu Arg Glu Tyr Gln Glu Leu Met Ser Val Lys Leu Ala Leu Asp Ile Glu Ile Ala Thr Tyr Arg Lys Leu Leu Glu Gly Glu Glu Ser Arg Leu Ala Gly Asp Gly Val Gly Ala Ala Asn Ile Ser Val Met Asn Ser Thr Gly Gly Ser Ser Ser Gly Gly Gly Ile Gly Leu Thr Leu Gly Gly Thr Met Gly Ser Asn Ala Leu Ser Phe Ser Ser Ser Ala Gly 440

Pro Gly Leu Leu Lys Ala Tyr Ser Ile Arg Thr Ala Ser Ala Ser Arg

Arg Ser Thr Arg Asp 465

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<212> PRT

<213> Homo sapiens

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Phe Ser Gly Arg Gly Ala Gln Val Arg Leu Ser Ser Ala Arg Pro Gly 20 25 30

Gly Leu Gly Ser Ser Leu Tyr Gly Leu Gly Ala Ser Arg Pro Arg
35 40 45

Val Ala Val Arg Ser Ala Tyr Gly Gly Pro Val Gly Ala Gly Ile Arg 50 55 60

Glu Val Thr Ile Asn Gln Ser Leu Leu Ala Pro Leu Arg Leu Gly Ala 65 70 75 80

Asp Pro Phe Ser Gln Arg Val Arg Gln Glu Glu Ser Glu Gln Ile Lys 85 . 90 95

Thr Leu Asn Asn Lys Phe Ala Ser Phe Ile Asp Lys Val Arg Phe Leu 100 105 110

Glu Gln Gln Asn Lys Leu Leu Glu Thr Lys Trp Thr Leu Leu Gln Glu 115 120 125

Gln Lys Ser Ala Lys Ser Ser 130

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Asp Pro Phe Ser Gln Arg Val Arg Gln Glu Glu Ser Glu Gln Ile 1 5 10 15